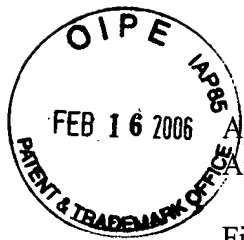


Appln No. 09/920,586  
Amdt. Dated 02/16/2006  
Reply to Office Communication of 11/30/2005  
Docket No. 14XZ00100/GEM-268



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|                |                    |                               |
|----------------|--------------------|-------------------------------|
| Appln No. :    | 09/920,586         | Confirmation No. 5994         |
| Applicant :    | Vaillant et al.    | METHOD AND DEVICE FOR         |
|                |                    | RECONSTRUCTION OF A DYNAMIC   |
| Filed :        | 08/01/2001         | THREE-DIMENSIONAL IMAGE OF AN |
| TC/A.U.        | 2621               | OBJECT COVERED BY A CONTRAST  |
| Examiner :     | Sherali, Ishrat I  | MEDIUM                        |
| Docket No. :   | 14XZ00100/GEM-0268 |                               |
| Customer No. : | 23413              |                               |

Date: February 16, 2006

**AMENDMENT UNDER 37 CFR 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Sir:

In response to the Office communication of 11/30/2005 please amend the above-identified applications as follows:

**Amendment to the Detailed Description** begins on page 2 of this paper.

**Amendment to the Claims** is reflected in the listing of claims that begins on page 3 of this paper.

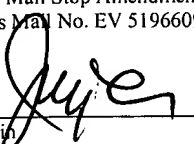
**Amendment to the Drawing** begins on page 9 of this paper and includes both an amended replacement sheet and an annotated sheet showing the changes.

**Remarks/Arguments** begin on page 10 of this paper.

An **Appendix** including amended drawing figures is attached following page 12 of this paper.

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to or Express Mail No. EV 519660922 US to the United States Patent and Trademark Office on the date shown below.

  
Jay L. Chaskin

Date: February 16, 2006

02/21/2006 HTECKLU1 00000047 502513 09920586

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**Amendment to the Detailed Description:**

Please replace paragraph [0030] with the following amended paragraph:

[0030] In other words, according to another embodiment, provision is made for a phase of acquisition of a third set of two-dimensional projected images respectively obtained for a same second position of the camera, separate from the first position (the one corresponding ~~corres-ponding~~ to acquisition of the two-dimensional projected images of the second set), and at the same successive propagation times of the contrast medium. The dynamic three-dimensional image of the object is then reconstructed from the reconstituted static three-dimensional image, from each image of the second set and from each image of the third set.

Please replace paragraph [0035] with the following amended paragraph:

[0035] Each acquired image  $IA_i$  is obtained from a two-dimension radiation detector 4, for example, of the luminescence amplifier type used in radiology, placed opposite the X-ray tube in a plane called "projection plane  $PP_i$ ." The different projection planes are obtained by the different angular position of the detector in rotation around the patient's head.